

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains an OMB control number.

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

Sheet

1

10

100

100

1

U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

Examiner Signature	/Jessica Eley/	Date Considered	07/06/2009
-----------------------	----------------	--------------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered.

Include copy of copy of this form with next communication to applicant.

2. **Applicant's unique citation designation number (optional).**

<sup>3</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. 3 Enter Office that issued the doc

<sup>7</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

<sup>1</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.  
<sup>2</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.  
<sup>3</sup> Applicant is to place a check mark here if English language translation is attached.  
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and the collection should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

## ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH /IE/

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO  
**INFORMATION DISCLOSURE  
 STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet	2	Of	2	Attorney Docket Number	29684
-------	---	----	---	------------------------	-------

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
4	Official Action Dated 07 January 2009 From the US Patent and Trademark Office Re.: Application No. 10/616,307.		
5	Summons to Attend Oral Proceedings Pursuant to Rule 115(1) EPC Dated 16 January 2009 From the European Patent Office Re.: Application No. 03810570.6.		
6	Supplementary Partial European Search Report Dated 04 September 2007 From the European Patent Office Re.: Application No. 0 2716285.8.		
7	Supplementary Partial European Search Report Dated 20 November 2007 From the European Patent Office Re.: Application No. 02716285.8.		
8	Kinahan et al. "Attenuation Correction for A Combined 3D PET/CT Scanner", Medical Physics, 25(10): 2046-2053, October 1998.		
9	Takahashi et al. "Attenuation Correction of Myocardial SPECT Images With X-Ray CT: Effects of Registration Errors Between X-Ray CT and SPECT", Annals of Nuclear Medicine, 16(6): 431-435, September 2002.		
10	Yu et al. "Using Correlated CT Images in Compensation for Attenuation in PET Image Reconstruction", Proceedings of the SPIE, Applications of Optical Engineering: Proceedings of OE/Midwest '90, 1396: 56-58, 1991.		
11	Zaidi et al. "Magnetic Resonance Imaging-Guided Attenuation and Scatter Corrections in Three-Dimensional Brain Positron Emission Tomography", Medical Physics, 30(5): 937-948, May 2003.		
12	Zaidi et al. "MRI-Guided Attenuation Correction in 3D Brain PET", Neuroimage Human Brain Mapping 2002 Meeting, 16(2): Abstract 504, June 2002.		
13	Bromiley et al: "Attenuation Correction in PET Using Consistency Conditions and A Three-Dimensional Template", IEEE Transactions on Nuclear Science, XP002352920, 48(4): 1371-1377, 2001.		
14	Kojima et al: "Quantitative Planar Imaging Method for Measurement of Renal Activity by Using A Conjugate-Emission Image and Transmission Data", Medical Physics, 27(3): 608-615, 2000.		

Examiner Signature	/Jessica Eley/	Date Considered	07/06/2009
--------------------	----------------	-----------------	------------

<sup>1</sup> EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional).

<sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

<sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>4</sup> Kind of document by the appropriate symbols as indicated in the document under WIPO Standard ST. 16 if possible.

<sup>5</sup> Application is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.52 and 1.58. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is guaranteed under 35 U.S.C. 122 and 37 CFR 1.14, this collection is estimated to take 2 hours to complete, including gathering, completing, and submitting the completed application form to the USPTO. Time will be required to determine the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*If you need assistance in completing this form, call 1-800-PTO-9199 and select option 2.*

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /JE/